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CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. DSI 9330	REV. B SHEET 1 OF 2
DATE 06.05.25		TITLE CABLE GUARD INSTALLATION	SCALE NTS
A	06.04.25	NEW ISSUE	
B	06.05.25	ADD AAI REF. P/N NOTE	

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-742 REV. B

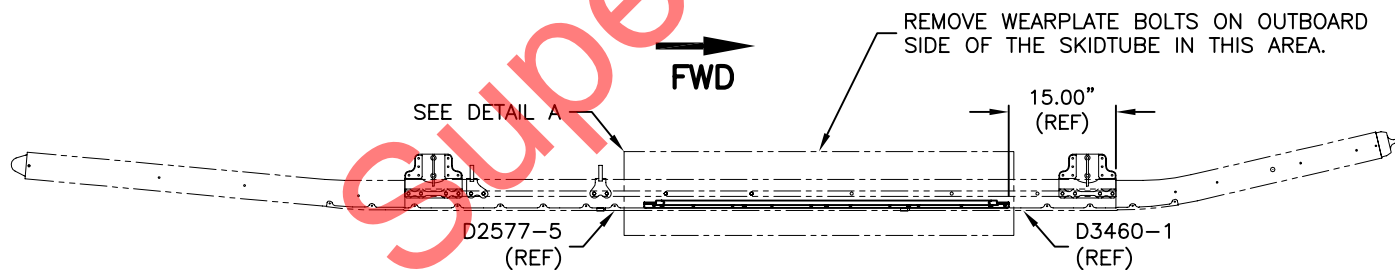
REF. FAA STC: SR01583SE
REF. CANADIAN STC: SH05-37 ISSUE 1

The Dart D412-742-018 Cable Guard Kit is designed to provide protection of the right hand skidtube and its flotation system for aircraft equipped with hoist provisions. The D412-742-018 is compatible with D412-742-011/-013 Float Skidtubes installed on the R/H side of the aircraft.

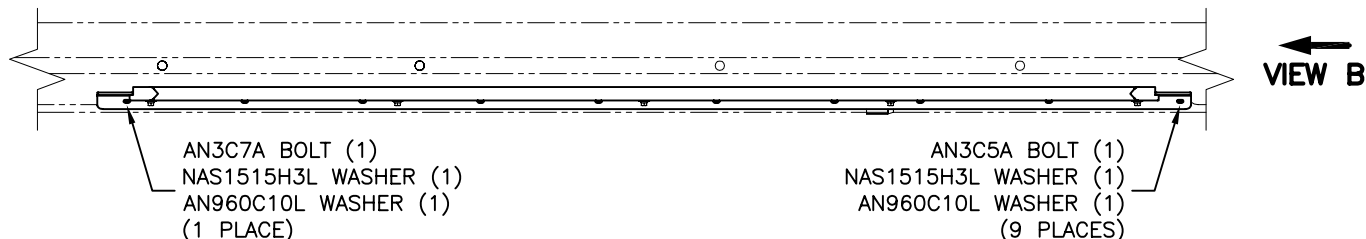
NOTE: For aircrafts equipped with Aeronautical Accessories Inc's Hoist Support Assembly 412-142-300/-350/-400 (Ref. STC No. SH3189SO and SH3190SO), the Dart D412-742-018 Cable Guard Kit can be used as a replacement to AAI's Skid Guard 412-153-510.

INSTALLATION PROCEDURE

Remove and discard existing hardware securing the wearplates on the outside of the skidtube as shown. Apply a thin layer of Sikaflex-241/-291 or Proseal 890 or MIL-S-8802 Class 'B2' sealant and install the Dart D412-742-018 Cable Guard Kit using provided hardware. Note that the nine AN3C5A Bolts should be installed first, from FWD to AFT, to ensure that the AN3C7A Bolt is installed at the proper location (see below). Ensure that all AN3 bolts that secure the Cable Guard to the skidtube are sealed with Sikaflex-241/-291 or Proseal 890 or MIL-S-8802 Class 'B2' sealant. Torque bolts to 15-25 in-lbs and apply a layer of LPS Procyon to the exposed hardware after torquing.



D412-742-013 R/H SKIDTUBE (SHOWN, -011 SIMILAR) WITH D412-742-018 CABLE GUARD
(FLOAT BAGS NOT SHOWN FOR CLARITY), VIEW LOOKING INBOARD



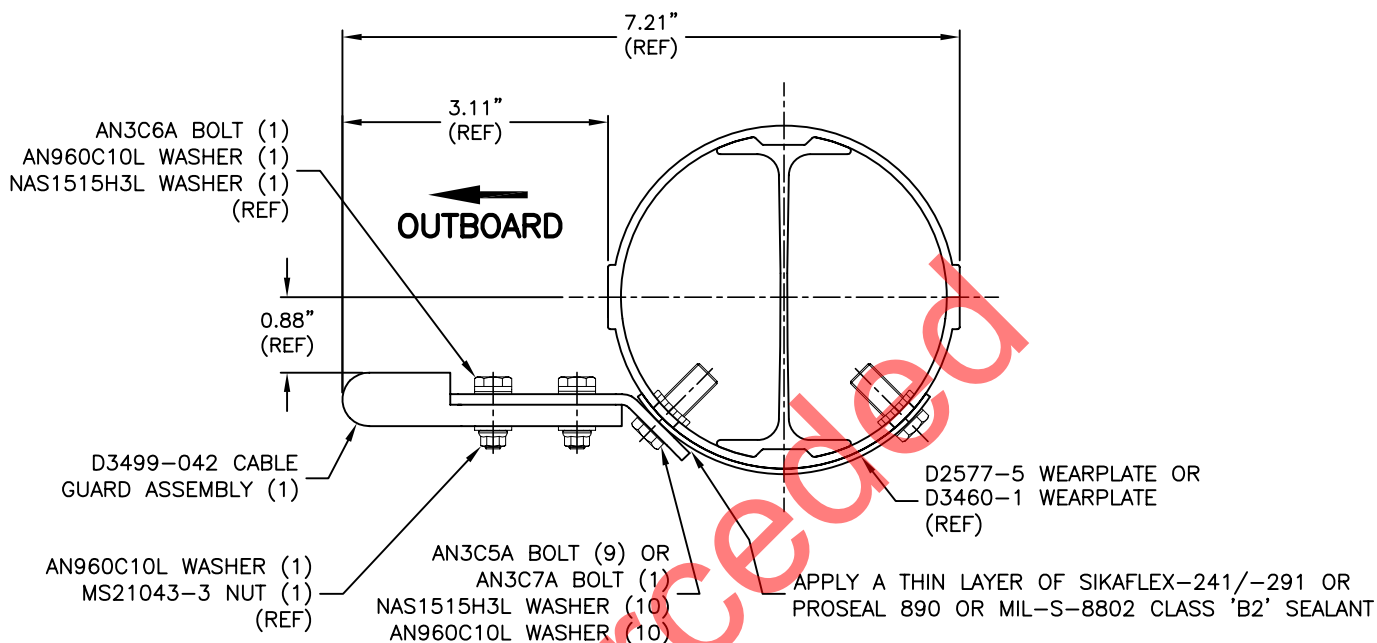
DETAIL A: CABLE GUARD INSTALLATION
(VIEWED FROM R/H SIDE OF A/C)

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CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9330	REV. B SHEET 2 OF 2
DATE 06.05.25		TITLE CABLE GUARD INSTALLATION	SCALE NTS



VIEW B: CABLE GUARD INSTALLATION
(VIEWED LOOKING AFT)

WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D412-742-018 CABLE GUARD KIT	3.8 lb 1.72 kg	58.2 in 1.48 m	221.2 lb 2.55 m kg	+/- 108.0 in +/- 2.74 m	+/- 410.4 in lb +/- 4.71 m kg

PARTS LIST

Qty -018	Part Number	Description
X	D412-742-018	CABLE GUARD KIT
1	D3499-042	CABLE GUARD ASSEMBLY
9	AN3C5A	BOLT
1	AN3C7A	BOLT
10	NAS1515H3L	WASHER
10	AN960C10L	WASHER